



UUC PART# UDPE36-1 and UDPE36-2
Installation Guide - Underdrive Accessory Pulleys
for E36 M3, 328, 325, 323 models

Professional installation recommended, but not required. Installer is responsible for determining his or her ability to perform this work competently and safely.

Parts included for M3 and 325 (UUC part number UDPE36-1):

- (QTY 1) replacement power steering pulley (marked as "3")
- (QTY 1) replacement water pump pulley (marked as "2")
- (QTY 1) replacement accessory belt (part #K060630).

Parts included for 328 and 323 (UUC part number UDPE36-2):

- (QTY 1) replacement power steering pulley (marked as "1")
- (QTY 1) replacement water pump pulley (marked as "2")
- (QTY 1) replacement accessory belt (part #K060630).

IMPORTANT: BEFORE BEGINNING INSTALLATION, MAKE SURE THE PARTS YOU HAVE MATCH THE LIST ABOVE.

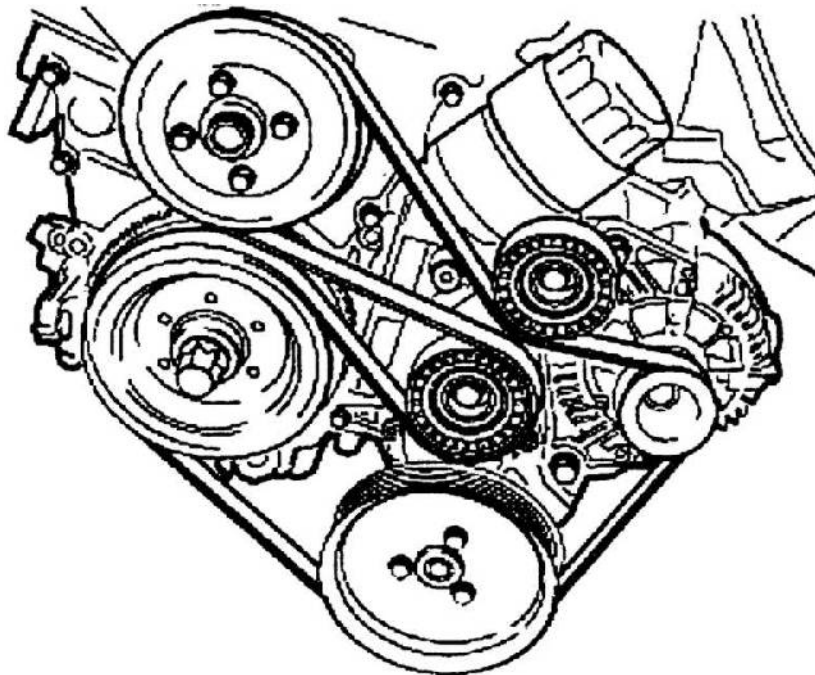
Tools required: metric socket set, torx set, flat-blade screwdriver or needle-nose pliers.





1. Disconnect battery.

2. Remove alternator cooling duct
3. Remove fan nut with 32 mm wrench and reaction bar. Nut is left-hand (spin clockwise when viewed from front to loosen). Leave fan inside shroud.
4. Remove underbody "pork chops" and splash shield.
5. Loosen (but do not remove!) the four water pump and three power steering pump pulley bolts.
6. Remove the plastic covers from the air conditioning and alternator belt tensioners and the alternator idler pulley with a flat-blade screwdriver.
7. Using an 8mm hex bit on a breaker bar, loosen the air conditioning belt tensioner and remove air conditioner belt. Make note of the belt orientation so you can install the replacement belt in the same direction.
8. Loosen the alternator belt tensioner and remove the belt. You may want to mark this belt also in case you ever want to reinstall it.
9. Remove the water pump and power steering pulleys.
10. Remove airbox to gain access to alternator pulley.
11. Remove the alternator pulley. The 24mm nut is difficult, so an impact wrench or breaker bar is recommended.
12. Replace with UUC pulley.
13. Apply anti-seize to bolts for water pump and power steering pump, and install UUC water pump and power steering pulleys.
14. Put on new oversize belt. A breaker bar may be used to aid installation. See routing diagram:





15. Torque water and power steering pulley bolts to 10nm (7.4ft-lb).
16. Install new replacement air conditioner belt supplied by UUC.
17. Check over the belt alignments and routing, make sure belt is centered on pulley ribs.
18. Re-installation of other parts is the reverse of disassembly.
19. Start engine and check belts. Squealing or other odd noises is an indication of incorrect assembly. Shut off engine immediately and review installation.
20. Drive and feel the power!